EXHIBIT A

IN THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK

CHASE WILLIAMS AND WILLIAM ZHANG, individually and on behalf of all others similarly situated,

Plaintiffs,

Civ. No. 1:20-cv-02809-LAK

V.

CLASS ACTION

BLOCK.ONE, BRENDAN BLUMER, and DANIEL LARIMER,

Defendants.

CRYPTO ASSETS OPPORTUNITY FUND LLC and JOHNNY HONG, Individually and on Behalf of All Others Similarly Situated,

Plaintiffs,

V.

BLOCK.ONE, BRENDAN BLUMER, DANIEL LARIMER, IAN GRIGG, and BROCK PIERCE,

Defendants.

Civ. No.: 1:20-cv-3829

CLASS ACTION

CERTIFICATION ON BEHALF OF CRYPTO ASSETS OPPORTUNITY FUND, LLC

- I, Brandon Elsasser, on behalf of Crypto Assets Opportunity Fund, LLC ("CAOF"), certify pursuant to 28 U.S.C. § 1746 and 15 U.S.C. § 78u-4 as follows:
- 1. I am the Chief Investment Officer of CAOF. I am familiar with the matters set forth herein and am duly authorized to make this certification on behalf of CAOF.

2. I have reviewed both the first-filed and second-filed securities class action complaints against Block.one LLC ("Block.one"), Brendan Blumer and Daniel Larimer, and am familiar with the matters set forth herein. Further, I reviewed the second-filed securities class action filed against Block.one, Blumer, Larimer, Grigg and Pierce, and was a named plaintiff in that action. CAOF has authorized the filing of this motion for appointment as lead plaintiff.

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- CAOF did not purchase or acquire the securities of Block.one at the direction of counsel or in order to participate in any private action.
- CAOF is willing to serve as a representative party on behalf of the proposed class, including providing testimony at deposition and trial, if necessary.
- Attached as Schedule A to this Certification is a list of CAOF's transactions during the Class Period in the Block.one securities that are the subject of the above-captioned actions.
- 6. During the three-year period preceding the date of this certification, CAOF has not sought to serve as a representative party on behalf of any class asserting claims under the federal securities laws of the United States.
- 7. CAOF will not accept any payment for serving as a representative party on behalf of the proposed class beyond its pro rata share of any recovery, except as ordered or approved by the court.

I declare under penalty of perjury pursuant to 28 U.S.C. § 1746 that the foregoing is true and correct.

Executed this 8 day of June, 2020.
Crypto Assets Opportunity Fund, LLC By:
Brandon Elsasser, CIO

	Purchases	
Trade Date	Quantity	Price
04/11/18	35.9740	7.2648
04/11/18	6.1938	7.2656
04/11/18	20.7892	7.2652
04/11/18	6.9930	7.2672
04/11/18	6.1538	7.2709
04/11/18	16.1838	7.2742
04/11/18	20.8791	7.2742
04/11/18	507.0624	7.2750
04/11/18	141.8580	7.2774
04/11/18	1.8182	7.2779
04/11/18	1.9780	7.2785
04/11/18	17.2827	7.2807
04/11/18	40.1698	7.2819
04/11/18	177.1427	7.2823
04/11/18	350.0196	7.2823
04/11/18	14.7852	7.2945
04/11/18	19.9800	7.2970
04/11/18	529.4700	7.2990
04/11/18	499.5000	7.2994
04/11/18	17.2827	7.2998
04/11/18	670.3190	7.3002
04/11/18	29.9400	7.3006
04/11/18	49.9800	7.3006
04/11/18	768.9003	7.3006
04/11/18	181.6182	7.3006
04/13/18	40.7492	8.2325
04/13/18	35.1049	8.2339
04/13/18	1.9980	8.2329
04/13/18	388.5411	8.2348
04/13/18	79.9000	8.2348
04/13/18	300.6990	8.2367
04/13/18	14.9850	8.2367
04/13/18	270.3794	8.2371
05/29/18	2.3477	11.4814
05/29/18	236.7630	11.4813
05/29/18	6.3936	11.4813
05/29/18	1,561.3671	11.4813
05/29/18	34.6353	11.4101
05/29/18	1,547.9705	11.4101

06/02/18 19.9500 14.2879 04/30/18 1.7500 19.0 06/02/18 2.1978 14.2879 04/30/18 4.8600 19.1 06/02/18 3.451.5270 14.2879 04/30/18 11.0700 18.9 06/02/18 38.6613 14.2879 04/30/18 0.0800 19.1 06/02/18 2.1978 14.2879 04/30/18 0.0800 19.1 06/02/18 0.9990 14.2879 04/30/18 0.0800 19.1 06/02/18 19.9500 14.2879 04/30/18 32.9600 18.9 06/02/18 19.7802 14.2879 04/30/18 32.9600 18.9 06/04/18 16.6433 14.1626 04/30/18 0.0600 19.1 06/04/18 13.3366 14.1626 04/30/18 0.0500 19.2 06/04/18 1.0989 14.1628 04/30/18 0.0700 19.2 06/04/18 3.45554 14.1626 04/30/18 0.700 18.9 06/04/18		Purchases			Sales	
06/02/18 2.1978 14.2879 04/30/18 4.8600 19.1 06/02/18 1,451.5270 14.2879 04/30/18 11.0700 18.9 06/02/18 2.1978 14.2879 04/30/18 0.0800 19.1 06/02/18 2.1978 14.2879 04/30/18 0.0800 19.1 06/02/18 0.9990 14.2879 04/30/18 23.9600 18.9 06/02/18 19.9500 14.2879 04/30/18 32.9600 18.9 06/04/18 16.6433 14.1626 04/30/18 0.6000 19.1 06/04/18 16.6433 14.1626 04/30/18 0.500 19.2 06/04/18 13.3366 14.1626 04/30/18 0.500 19.2 06/04/18 1.3989 14.1628 04/30/18 0.500 19.2 06/04/18 3.4.5554 14.1607 04/30/18 0.000 18.9 06/04/18 3.5657 14.1626 04/30/18 0.0700 19.2 06/04/18	Trade Date	Quantity	Price	Trade Date	Quantity	Pric
06/02/18 1,451.5270 14.2879 04/30/18 11.0700 18.9 06/02/18 38.6613 14.2879 04/30/18 0.0800 19.1 06/02/18 0.9990 14.2879 04/30/18 0.0800 19.1 06/02/18 0.9990 14.2879 04/30/18 23.9600 18.9 06/02/18 19.9500 14.2879 04/30/18 23.9600 18.9 06/02/18 19.9500 14.2879 04/30/18 23.9600 18.9 06/02/18 19.9500 14.2879 04/30/18 20.6000 18.9 06/04/18 16.6433 14.1626 04/30/18 0.0600 19.1 06/04/18 16.6433 14.1626 04/30/18 0.0500 19.2 06/04/18 13.0989 14.1628 04/30/18 100.0000 18.9 06/04/18 3.4.5554 14.1626 04/30/18 0.0000 18.9 06/04/18 3.5467 14.1626 04/30/18 34.4700 18.9 06/04/18 </td <td>06/02/18</td> <td>19.9500</td> <td>14.2879</td> <td>04/30/18</td> <td>1.7500</td> <td>19.0</td>	06/02/18	19.9500	14.2879	04/30/18	1.7500	19.0
06/02/18 38.6613 14.2879 04/30/18 0.0800 19.1 06/02/18 2.1978 14.2879 04/30/18 11.5300 18.9 06/02/18 0.9990 14.2879 04/30/18 0.0800 19.1 06/02/18 19.9500 14.2879 04/30/18 23.9600 18.9 06/02/18 19.7802 14.2879 04/30/18 23.9600 18.9 06/04/18 16.6433 14.1626 04/30/18 0.0600 19.1 06/04/18 16.6433 14.1626 04/30/18 0.0500 19.2 06/04/18 13.3366 14.1626 04/30/18 0.0500 19.2 06/04/18 13.3366 14.1628 04/30/18 0.0500 18.9 06/04/18 3.45554 14.1607 04/30/18 0.0700 19.2 06/04/18 3.3467 14.1626 04/30/18 34.4700 18.9 06/04/18 1.5584 14.1625 04/30/18 201.4600 18.9 06/04/18	06/02/18	2.1978	14.2879	04/30/18	4.8600	19.1
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06/02/18 19.9500 14.2879 04/30/18 23.9600 18.9 06/02/18 19.7802 14.2879 04/30/18 326.9100 18.9 06/04/18 16.6433 14.1626 04/30/18 0.0600 19.1 06/04/18 24.9750 14.1626 04/30/18 19.8100 18.9 06/04/18 13.3366 14.1626 04/30/18 10.0000 19.2 06/04/18 1.0989 14.1628 04/30/18 10.0000 18.9 06/04/18 34.5554 14.1626 04/30/18 0.0700 19.2 06/04/18 3.3467 14.1626 04/30/18 58.9300 18.9 06/04/18 1.5584 14.1625 04/30/18 34.4700 18.9 06/04/18 3.8.8112 14.1626 04/30/18 201.4600 18.9 06/04/18 3.6.6433 14.1626 04/30/18 29.14600 18.9 06/04/18 1.6.6433 14.1626 04/30/18 23.9600 18.9 06/04/	06/02/18	2.1978	14.2879	04/30/18	11.5300	18.9
06/02/18 19.7802 14.2879 04/30/18 326.9100 18.9 06/04/18 16.6433 14.1626 04/30/18 0.0600 19.1 06/04/18 24.9750 14.1626 04/30/18 19.8100 18.9 06/04/18 13.3366 14.1626 04/30/18 100.0000 19.2 06/04/18 1.0989 14.1628 04/30/18 100.0000 18.9 06/04/18 34.5554 14.1607 04/30/18 0.0700 19.2 06/04/18 3.3467 14.1626 04/30/18 58.9300 18.9 06/04/18 1.5584 14.1626 04/30/18 34.4700 18.9 06/04/18 38.8112 14.1626 04/30/18 20.14600 18.9 06/04/18 38.8112 14.1626 04/30/18 20.2000 18.9 06/04/18 13.6693 14.1626 04/30/18 20.2000 18.9 06/04/18 15.66973 14.1626 04/30/18 23.9600 18.9 06/04/1	06/02/18	0.9990	14.2879	04/30/18	0.0800	19.1
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06/04/18 24.9750 14.1626 04/30/18 19.8100 18.9 06/04/18 13.3366 14.1626 04/30/18 0.0500 19.2 06/04/18 1.0989 14.1628 04/30/18 100.0000 18.9 06/04/18 34.5554 14.1607 04/30/18 0.0700 19.2 06/04/18 3.3467 14.1626 04/30/18 58.9300 18.9 06/04/18 1.5584 14.1625 04/30/18 34.4700 18.9 06/04/18 38.8112 14.1626 04/30/18 201.4600 18.9 06/04/18 9.2408 14.1626 04/30/18 5.9200 19.0 06/04/18 16.6433 14.1626 04/30/18 20.2000 18.9 06/04/18 52.6973 14.1626 04/30/18 23.9600 18.9 06/04/18 1,669.4689 14.1626 04/30/18 23.9600 18.9 06/04/18 1,5894 14.1629 04/30/18 52.5400 18.9 06/04/18 </td <td>06/02/18</td> <td>19.7802</td> <td>14.2879</td> <td>04/30/18</td> <td>326.9100</td> <td>18.9</td>	06/02/18	19.7802	14.2879	04/30/18	326.9100	18.9
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06/04/18 16.6433 14.1626 04/30/18 48.7800 18.9 06/04/18 52.6973 14.1626 04/30/18 20.2000 18.9 06/04/18 87.1128 14.1626 04/30/18 23.9600 18.9 06/04/18 1,669.4689 14.1626 04/30/18 48.5600 18.9 06/04/18 0.5894 14.1629 04/30/18 52.5400 18.9 06/04/18 4.1159 14.1625 05/29/19 11.4600 8.0 06/22/18 12.1467 4.8087 05/29/19 46.6400 8.0 06/22/18 24.9750 4.8166 05/29/19 65.4300 8.0 06/22/18 96.2636 4.8166 05/29/19 66.0200 8.0 06/22/18 177.2326 4.8166 05/29/19 46.6400 8.0 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.0 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.0 06/22/18	06/04/18	38.8112	14.1626	04/30/18	201.4600	18.9
06/04/18 52.6973 14.1626 04/30/18 20.2000 18.9 06/04/18 87.1128 14.1626 04/30/18 23.9600 18.9 06/04/18 1,669.4689 14.1626 04/30/18 48.5600 18.9 06/04/18 0.5894 14.1629 04/30/18 52.5400 18.9 06/04/18 4.1159 14.1625 05/29/19 11.4600 8.0 06/22/18 12.1467 4.8087 05/29/19 46.6400 8.0 06/22/18 24.9750 4.8166 05/29/19 65.4300 8.0 06/22/18 96.2636 4.8166 05/29/19 66.0200 8.0 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.0 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.0 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.0 06/22/18 1.9980 4.8166 05/29/19 9.71700 8.0 06/22/18	06/04/18	9.2408	14.1626	04/30/18	5.9200	19.0
06/04/18 87.1128 14.1626 04/30/18 23.9600 18.9 06/04/18 1,669.4689 14.1626 04/30/18 48.5600 18.9 06/04/18 0.5894 14.1629 04/30/18 52.5400 18.9 06/04/18 4.1159 14.1625 05/29/19 11.4600 8.0 06/22/18 12.1467 4.8087 05/29/19 46.6400 8.0 06/22/18 24.9750 4.8166 05/29/19 46.6400 8.0 06/22/18 96.2636 4.8166 05/29/19 65.4300 8.0 06/22/18 177.2326 4.8166 05/29/19 46.6400 8.0 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.0 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.0 06/22/18 17.4725 4.8166 05/29/19 10.4200 8.0 06/22/18 658.4009 4.8166 05/29/19 9.9600 8.0 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.0 06/	06/04/18	16.6433	14.1626	04/30/18	48.7800	18.9
06/04/18 1,669.4689 14.1626 04/30/18 48.5600 18.9 06/04/18 0.5894 14.1629 04/30/18 52.5400 18.9 06/04/18 4.1159 14.1625 05/29/19 11.4600 8.0 06/22/18 12.1467 4.8087 05/29/19 46.6400 8.0 06/22/18 24.9750 4.8166 05/29/19 46.6400 8.0 06/22/18 96.2636 4.8166 05/29/19 65.4300 8.0 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.0 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.0 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.0 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.0 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.0 06/22/18 87.7522 4.8166 05/29/19 78.0000 8.0 06/22/18 <t< td=""><td>06/04/18</td><td>52.6973</td><td>14.1626</td><td>04/30/18</td><td>20.2000</td><td>18.9</td></t<>	06/04/18	52.6973	14.1626	04/30/18	20.2000	18.9
06/04/18 0.5894 14.1629 04/30/18 52.5400 18.9 06/04/18 4.1159 14.1625 05/29/19 11.4600 8.0 06/22/18 12.1467 4.8087 05/29/19 46.6400 8.0 06/22/18 24.9750 4.8166 05/29/19 46.6400 8.0 06/22/18 96.2636 4.8166 05/29/19 65.4300 8.0 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.0 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.0 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.0 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.0 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.0 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.0 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.0 06/22/18 3.4466	06/04/18	87.1128	14.1626	04/30/18	23.9600	18.9
06/04/18 4.1159 14.1625 05/29/19 11.4600 8.04 06/22/18 12.1467 4.8087 05/29/19 46.6400 8.04 06/22/18 24.9750 4.8166 05/29/19 46.6400 8.04 06/22/18 96.2636 4.8166 05/29/19 65.4300 8.04 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.04 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.04 06/22/18 99.9000 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 78.0000 8.04	06/04/18	1,669.4689	14.1626	04/30/18	48.5600	18.9
06/22/18 12.1467 4.8087 05/29/19 46.6400 8.04 06/22/18 24.9750 4.8166 05/29/19 46.6400 8.04 06/22/18 96.2636 4.8166 05/29/19 65.4300 8.04 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.04 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.04 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 27.1200 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06	06/04/18	0.5894	14.1629	04/30/18	52.5400	18.9
06/22/18 24.9750 4.8166 05/29/19 46.6400 8.04 06/22/18 96.2636 4.8166 05/29/19 65.4300 8.04 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.04 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.04 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 78.0000 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/04/18	4.1159	14.1625	05/29/19	11.4600	8.04
06/22/18 96.2636 4.8166 05/29/19 65.4300 8.04 06/22/18 177.2326 4.8166 05/29/19 66.0200 8.04 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.04 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 78.0000 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 27.1200 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	12.1467	4.8087	05/29/19	46.6400	8.04
06/22/18 177.2326 4.8166 05/29/19 66.0200 8.04 06/22/18 99.9000 4.8166 05/29/19 46.6400 8.04 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	24.9750	4.8166	05/29/19	46.6400	8.04
06/22/18 99.9000 4.8166 05/29/19 46.6400 8.04 06/22/18 96.1637 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	96.2636	4.8166	05/29/19	65.4300	8.04
06/22/18 96.1637 4.8166 05/29/19 16.9400 8.04 06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	177.2326	4.8166	05/29/19	66.0200	8.04
06/22/18 1.9980 4.8166 05/29/19 10.4200 8.04 06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	99.9000	4.8166	05/29/19	46.6400	8.04
06/22/18 17.4725 4.8166 05/29/19 33.8700 8.04 06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	96.1637	4.8166	05/29/19	16.9400	8.04
06/22/18 658.4009 4.8166 05/29/19 67.1700 8.04 06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	1.9980	4.8166	05/29/19	10.4200	8.04
06/22/18 87.7522 4.8166 05/29/19 9.9600 8.04 06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	17.4725	4.8166	05/29/19	33.8700	8.04
06/22/18 439.5600 4.8166 05/29/19 78.0000 8.04 06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	658.4009	4.8166	05/29/19	67.1700	8.04
06/22/18 7.6923 4.8166 05/29/19 78.0000 8.04 06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	87.7522	4.8166	05/29/19	9.9600	8.04
06/22/18 3.4466 4.8166 05/29/19 4.2500 8.04 06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	439.5600	4.8166	05/29/19	78.0000	8.04
06/22/18 4.7053 4.8166 05/29/19 27.1200 8.04 06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	7.6923	4.8166	05/29/19	78.0000	8.04
06/22/18 17.6024 4.8166 05/29/19 22.0300 8.04	06/22/18	3.4466	4.8166	05/29/19	4.2500	8.04
	06/22/18	4.7053	4.8166	05/29/19	27.1200	8.04
06/22/18 3.4466 4.8166 05/29/19 5.0000 8.0	06/22/18	17.6024	4.8166	05/29/19	22.0300	8.04
	06/22/18	3.4466	4.8166	05/29/19	5.0000	8.04

	Purchases	
Trade Date	Quantity	Price
06/22/18	0.1200	4.8096
06/22/18	3.4466	4.8166
06/22/18	0.1199	4.8166
06/22/18	0.1199	4.8166
06/22/18	3.4466	4.8166
06/22/18	2.4675	4.8166
06/22/18	8.0120	4.8166
06/22/18	3.4466	4.8166
06/22/18	3.4466	4.8166
06/22/18	28.7912	4.8166
06/22/18	3.4466	4.8166
06/22/18	70.7192	4.8166
06/22/18	4.5754	4.8166
06/22/18	64.0359	4.8166
06/22/18	3.4466	4.8166
06/22/18	14.8851	4.8166
06/22/18	16.6733	4.8166
06/22/18	221.1486	4.8166
06/22/18	3.4466	4.8166
06/22/18	284.3554	4.8166
06/22/18	9.5804	4.8166
06/22/18	33.6363	4.8166
06/22/18	0.2997	4.8166
06/22/18	68.9710	4.8166
06/22/18	65.7842	4.8166
06/22/18	7.8921	4.8166
06/22/18	24.7053	4.8166
06/22/18	19.9800	4.8166
06/22/18	99.9000	4.8166
06/22/18	299.7000	4.8166
06/22/18	2.2877	4.8166
06/22/18	70.7192	4.8166
06/22/18	300.4792	4.8166
06/22/18	21.8681	4.8166
06/22/18	3.4665	4.8166
06/22/18	147.4724	4.8166
06/22/18	32.6673	4.8166
06/22/18	24.0359	4.8166
08/24/18	244.0000	4.9200

Sales				
Trade Date	Quantity	Price		
05/29/19	15.3900	8.0480		
05/29/19	5.0000	8.0480		
05/29/19	137.5500	8.0480		
05/29/19	3.1500	8.0480		
05/29/19	22.9000	8.0480		
05/29/19	21.6500	8.0480		
05/29/19	52.5000	8.0480		
05/29/19	18.5300	8.0480		
05/29/19	300.0000	8.0480		
05/29/19	13.7300	8.0480		
05/29/19	238.0300	8.0480		
05/29/19	2.1300	8.0480		
05/29/19	117.2400	8.0480		
05/29/19	2.1300	8.0480		
05/29/19	105.3700	8.0480		
05/29/19	22.5200	8.0480		
05/29/19	53.7800	8.0480		
05/29/19	278.2100	8.0480		
05/29/19	12.8000	8.0480		
05/29/19	144.5900	8.0480		
05/29/19	33.7700	8.0480		
05/29/19	84.5400	8.0480		
05/29/19	2.1300	8.0480		
05/29/19	2.2000	8.0480		
05/29/19	11.2200	8.0480		
05/29/19	50.6600	8.0480		
05/29/19	11.2900	8.0480		
05/29/19	37.0000	8.0480		
05/29/19	64.4000	8.0480		
09/30/19	11.4648	0.0000		
09/30/19	1.4000	0.0000		
10/09/19	10,000.0000	3.3000		
10/28/19	10,361.4000	3.3563		
11/29/19	1.0000	0.0000		
03/11/20	8,851.0000	2.9309		
03/12/20	7,500.0000	2.9300		
03/18/20	4,000.0000	1.9500		

D.meli					
Trade Date	Purchases	Price			
08/24/18	Quantity 1.9000	4.9200			
08/24/18	1,704.8900	4.9200			
08/24/18	205.4500	4.9200			
08/24/18	47.0800	4.9200			
08/24/18	47.0800	4.9200			
08/24/18	134.5900	4.9200			
08/24/18	12.8400	4.9200			
08/24/18	1.3900	4.9200			
08/24/18	31.0300	4.9200			
08/24/18	77.4800	4.9200			
08/24/18	100.0000	4.9200			
08/24/18	18.0500	4.9200			
08/24/18	42.0000	4.9200			
09/13/18	2.5400	4.9200			
09/13/18	64.6500	4.9200			
09/13/18	232.5000	4.9200			
09/13/18	232.5000	4.9200			
09/13/18	232.5000	4.9200			
09/13/18	465.0000	4.9200			
09/13/18	1,001.3000	4.9200			
09/13/18	0.0300	4.9200			
09/19/18	105.9300	5.0800			
09/19/18	87.7200	5.0800			
09/19/18	36.9700	5.0800			
09/19/18	3.7200	5.0800			
09/19/18	3.7200	5.0800			
09/19/18	36.1400	5.0800			
09/19/18	277.2200	5.0800			
09/19/18	152.9900	5.0800			
09/19/18	120.9100	5.0800			
09/19/18	96.3000	5.0800			
09/19/18	77.5600	5.0800			
09/19/18	2.5000	5.0800			
09/19/18	107.0000	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	74.9600	5.0800			
09/19/18	44.9400	5.0800			
09/19/18	70.2100	5.0800			
09/19/18	100.4200	5.0800			

Sales			
Trade Date	Quantity	Price	

Purchases					
Trade Date	Quantity	Price			
09/19/18	139.1700	5.0800			
09/19/18	3.9700	5.0800			
09/19/18	3.9700	5.0800			
09/19/18	883.8100	5.0800			
09/19/18	276.1100	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	2.3700	5.0800			
09/19/18	18.8900	5.0800			
09/19/18	3.7400	5.0800			
09/19/18	60.9900	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	44.9400	5.0800			
09/19/18	9.2900	5.0800			
09/19/18	31.0300	5.0800			
09/19/18	44.0900	5.0800			
09/19/18	469.0500	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	112.3500	5.0800			
09/19/18	113.4200	5.0800			
09/19/18	15.9600	5.0800			
09/19/18	2.8100	5.0800			
09/19/18	101.6500	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	14.2500	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	100.0000	5.0800			
09/19/18	5.9800	5.0800			
09/19/18	169.0100	5.0800			
09/24/19	361.4000	2.8800			
09/24/19	10,000.0000	2.8000			
10/23/19	10,000.0000	2.7000			
11/07/19	1.0000	3.4780			
03/13/20	4,000.0000	2.0600			

Sales				
ce				